Index of Claims

| Appli | cation | /Contro | l No. |
|-------|--------|---------|-------|

Applicant(s)/Patent under Reexamination

09/771,333

CONRATH, BARTLEY C.

Examiner

Art Unit

Zachary A. Davis

2137

√ Rejected= Allowed

| | (Through numeral) Cancelled |
|---|--------------------------------|
| ÷ | Restricted |

| N | Non-Elected |
|---|--------------|
| ı | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| | | L | | | | | | | | |
|--|--|--|--|--------------|----------|--------------|----------|--|--------------|--------------|
| Cla | im | Γ | | | | Date | _ | | | \neg |
| | | - | | | | | | | | Н |
| Final | Original | 8/5/04 | 9/6/05 | | | | | | | |
| | 1 | J | 1./ | - | - | | - | - | | \vdash |
| | 2 | 1 | 7 | | | | | | - | |
| | 3 | П | | | | | | | | |
| | 4 | П | П | | | | | | | |
| | 2 3 4 5 6 | Ц | | | | | | | | |
| | 6 | Ш | 4 | ļ | | | | | | |
| | 7 | Н | 4 | <u> </u> | | | | | | |
| | 8 | Н | ╀ | ⊢ | | | | | | |
| | | Н | Н | - | | | _ | _ | | |
| | 11 | H | \vdash | ┢ | _ | | | - | | |
| | 12 | \sqcap | $ \uparrow $ | Г | Г | | _ | | | |
| | 13 | Ш | \Box | Ŀ | | | | | | |
| | 14 | \prod | \prod | | | | | | | |
| <u> </u> | 15 | # | $\!$ | Ŀ | <u> </u> | | | | | <u> </u> |
| <u> </u> | 10 11 12 13 14 15 16 17 18 19 20 21 22 23 | # | 1 | <u> </u> | <u> </u> | <u> </u> | | | H | Ш |
| | 1/ | ₩ | # | \vdash | <u> </u> | - | _ | <u> </u> | - | H |
| | 10 | ╁ | H | | <u> </u> | \vdash | | | | _ |
| | 20 | Н. | ╫ | - | ┢ | \vdash | | | _ | _ |
| - | 21 | 11/ | Η, | ┢ | \vdash | - | | | - | |
| | 22 | ϭ | √ | | | | | | | |
| | 23 | | | | | | | | | |
| | 24 25 | | | | | | | | | |
| | 25 | _ | | L | _ | | _ | L_ | <u> </u> | <u> </u> |
| | 26 | _ | _ | <u> </u> | ļ | <u> </u> | L | <u> </u> | _ | |
| | 26 27 28 | ├ | H | - | ├ | H | | | | - |
| <u> </u> | 20 | ١. | - | | ┝ | - | - | - | \vdash | \vdash |
| | 29 30 | | - | - | ┢ | | \vdash | - | Н | \vdash |
| <u> </u> | 31 | | | \vdash | \vdash | - | - | | | \vdash |
| | 32 33 | | | | | | | | | |
| | 33 | | | | | | | | | |
| <u></u> | 34 | L | L | | _ | <u>L</u> | <u> </u> | | L | L |
| <u> </u> | 35 | _ | - | \vdash | <u> </u> | _ | L | <u> </u> | L | <u> </u> |
| <u> </u> | 36 37 | - | - | - | \vdash | | \vdash | - | - | \vdash |
| - | 38 | - | - | \vdash | \vdash | | | H | H | \vdash |
| | 39 | \vdash | \vdash | _ | \vdash | | | | \vdash | |
| | 40 | Г | | | | | | | | |
| | 41 | | | | | | | | | |
| | 42 | <u> </u> | <u> </u> | | <u> </u> | | | | | |
| | 43 | <u> </u> | | _ | <u> </u> | <u> </u> | L | L | L | |
| | 44 | | | \vdash | <u> </u> | \vdash | \vdash | _ | <u> </u> | _ |
| | 45 46 | ⊢ | - | ⊢ | - | - | - | - | \vdash | \vdash |
| | 45 | - | - | | - | \vdash | \vdash | ├ | \vdash | \vdash |
| | 48 | t | H | 一 | | 一 | \vdash | \vdash | H | \vdash |
| | 49 | | \vdash | ┢ | \vdash | \vdash | \vdash | \vdash | Н | |
| | 50 | \vdash | \vdash | | <u> </u> | | | | | |

| Cla | im | Date | | | | | | | | |
|--------------|----------------|--------------|--------------|--|----------|----------------|--|----------|--|--|
| | | | | | | | | | | |
| | Original | | | | | | | | | |
| Final | iĝi | | | | | | | | | |
| " | ō | | | | | | | | | |
| | | _ | _ | Н | _ | _ | | | | |
| | 51 | | | | | _ | _ | _ | _ | _ |
| | 52 53 | | | | | | | | | |
| | 53 | | | | | | | | | |
| | 54 55 | | | | | | | | | |
| | 55 | | | | | | | | | |
| | 56 57 58 | | | | | | | | | |
| | 57 | | | | | | | | | |
| | 58 | | | | | | | | | |
| | 59 | | | | | | | | | |
| | 60 | Г | | | | | | | | |
| | 61 | | | | | | | | | |
| | 62 | | | | | | | | | - |
| | 63 | | \vdash | \vdash | | \vdash | | | - | _ |
| | 64 | \vdash | | | - | Н | Н | | _ | \vdash |
| <u> </u> | 65 | - | _ | _ | - | | | | _ | |
| | 65 66 | H | | | | H | — | | - | \vdash |
| <u> </u> | 00 | <u> </u> | | | | - | _ | | <u> </u> | |
| | 67 | | | _ | | | | | _ | |
| | 68 | | | | | | | | | |
| | 69 | | | | | _ | | | | |
| | 70 | | | | | | | | | |
| | 71 72 73 | | | | | | | | | |
| | 72 | | | | | | | | | |
| | 73 | | | | | | | | | |
| | 74 75 | | | | | | | | | |
| | 75 | | | | | | | | | |
| | 76 | | \vdash | | | | Т | | | Т |
| | 76 77 | | \vdash | | | | | | | |
| | 78 | | \vdash | | | _ | ┢ | | _ | \vdash |
| | 79 | | \vdash | | | | ┝ | | | \vdash |
| | 80 | H | \vdash | | H | - | - | | \vdash | \vdash |
| | 00 | | ┢ | | | - | | | \vdash | ┝ |
| | 81 | \vdash | ⊢ | | _ | - | <u> </u> | | \vdash | - |
| | 82 | <u> </u> | <u> </u> | | - | - | <u> </u> | | <u> </u> | - |
| | 83 | L | _ | | | _ | _ | | _ | <u> </u> |
| <u> </u> | 84 | <u> -</u> | | <u> </u> | | _ | ļ | _ | \vdash | <u> </u> |
| <u> </u> | 85 | _ | <u> </u> | <u> </u> | Ш | \vdash | | L | | \vdash |
| | 86 | <u> </u> | | L | | $oxed{oxed}$ | _ | | | $oxed{oxed}$ |
| | 87 88 | <u>_</u> | L_ | L_ | | | | | L. | L_ |
| | 88 | | | | | | <u> </u> | | | <u> </u> |
| | 89 | L | L | L. | | L | L | | L | L |
| | 90 | | | | | | Ŀ | | | |
| | 91 | | | | | | | | | |
| | 92 | | _ | | Г | | \vdash | | \vdash | $\overline{}$ |
| | 93 | Т | \vdash | | Г | \vdash | \vdash | | \vdash | 1 |
| <u> </u> | 94 | ┢ | - | - - | \vdash | H | \vdash | \vdash | | |
| <u> </u> | 95 | _ | | | \vdash | \vdash | \vdash | - | | |
| <u> </u> | 96 | \vdash | \vdash | | | ├- | | - | - | ┝ |
| | | \vdash | | - | \vdash | - | | | \vdash | \vdash |
| | 97 | \vdash | \vdash | <u> </u> | | - | ├ | \vdash | \vdash | |
| <u> </u> | 98 | | <u> </u> | <u> </u> | \vdash | <u> </u> | - | - | - | - |
| L | 99 | _ | <u> </u> | <u> </u> | <u> </u> | _ | <u> </u> | _ | ⊢_ | <u> </u> |
| Щ | 100 | L_ | <u> </u> | <u> </u> | l | l | L_ | <u> </u> | <u> </u> | |

| Cli | Claim Date | | | | | | | | | |
|-------------|---------------------------------|--|--------------|----------|--|----------|--|--------------|------------|-----------------|
| | | | | | | | | | | |
| ā | Original | | | | | | | | | |
| Final | jgi | | | | | | | | | |
| " | Õ | | | | | | | | | |
| | 404 | | | - | - | _ | _ | | _ | |
| | 101 102 | - | _ | | Н | | لـــا | | Н | |
| | 102 | - | | | | | | | | |
| ļ | 103 | _ | _ | Ш | - | | | | | |
| | 104 105 | <u> </u> | | | | | | | | |
| <u> </u> | 105 | <u> </u> | | L | | | | | | |
| | 106 | | | L. | | | | | | Ш |
| | 107 | | | | | | | | | Ш |
| | 108 | | | | | | | | | Ш |
| <u> </u> | 109 | | | | | | | | | |
| | 110 | | | | | | | | | Ш |
| | 111 | | | | | | | | | |
| | 112 | | | | | | | | | |
| | 113 | | | | | | | | | |
| | 114 115 | | | | | | | | | |
| | 115 | | | | | | | | | |
| | 116 | | | | П | | | | | \sqcap |
| | 117 | | \vdash | | | | | \vdash | | Н |
| - | 118 | H | - | <u> </u> | | | H | \vdash | | |
| <u> </u> | 119 | \vdash | ┢╌ | | - | - | | \vdash | H | |
| \vdash | 120 | \vdash | \vdash | | - | | - | ┝ | \vdash | - |
| | 120 121 | \vdash | - | - | - | _ | - | - | \vdash | - |
| | 122 | _ | | _ | <u> </u> | | | | H | |
| | 122 | ⊢ | <u> </u> | - | | | <u> </u> | - | - | |
| <u></u> | 123 124 125 126 127 | | | | - - | - | <u> </u> | _ | <u> </u> | |
| | 124 | _ | | <u> </u> | <u> </u> | _ | ļ | _ | | |
| | 125 | _ | | | L | | <u> </u> | <u> </u> | lacksquare | Щ |
| | 126 | | <u>L</u> . | | <u> </u> | | <u> </u> | _ | | Ш |
| | 127 | | | _ | _ | | _ | _ | | Ш |
| | 128 129 130 | <u> </u> | | _ | | | _ | <u> </u> | | |
| | 129 | | | <u> </u> | | | | | | |
| | 130 | | | | | | | | | |
| | 131 | | | Г | | | | | | |
| | 131 132 | | | | | | | | | |
| | 133 | П | | | | | Г | Γ | | П |
| | 134 | \Box | | | | | | <u> </u> | | |
| | 135 | Т | | | | | 1 | | | П |
| | 136 | | ┢ | T | Г | | | | | |
| — | 137 | \vdash | \vdash | t - | Ħ | \vdash | <u> </u> | \vdash | I | \vdash |
| | 138 | | | t | t | Н | <u> </u> | | Т | \vdash |
| \vdash | 139 | | \vdash | \vdash | \vdash | \vdash | | \vdash | \vdash | $\vdash \vdash$ |
| - | 140 | \vdash | \vdash | \vdash | \vdash | - | | | ├- | $\vdash \vdash$ |
| - | 141 | \vdash | \vdash | | | - | ┢ | - | ├ | $\vdash \vdash$ |
| | 141 | \vdash | | - | | \vdash | \vdash | - | | $\vdash \vdash$ |
| - | | | \vdash | - | | | \vdash | \vdash | - | Н |
| <u></u> | 143 | _ | <u> </u> | - | | | | | 1 | $\vdash \vdash$ |
| | 144 | <u> </u> | \vdash | ├ | | | <u> </u> | \vdash | ₩ | Щ |
| <u></u> | 145 | <u> </u> | _ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | _ | L | Ш |
| <u> </u> | 146 | L | | L | <u> </u> | <u> </u> | | | L | Щ |
| | 147 | <u></u> | <u> </u> | | L | | | _ | | |
| | 148 | Ĺ | | | L | _ | | | | |
| | 149 | | | | L | | L | | | |
| | 150 | | | | | | | | L^{-} | |
| | | | _ | _ | _ | | | | | _ |